



## SEQUENCE LISTING

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Kagaya, Shinji  
Sugita, Yuji  
Saito, Hirohisa

<120> METHODS FOR EXAMINATION FOR ALLERGIC DISEASES, AND  
DRUGS FOR TREATING ALLERGIC DISEASES

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<141> 2003-07-01

<150> JP 2002-193841

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Pro Ala Ser Gln Ser Tyr Ser Tyr His Ser Ser Gly Glu Tyr Ser Ser  
20 25 30  
Asp Phe Leu Thr Pro Glu Phe Val Lys Phe Ser Met Asp Leu Thr Asn  
35 40 45  
Thr Glu Ile Thr Ala Thr Thr Ser Leu Pro Ser Phe Ser Thr Phe Met  
50 55 60  
Asp Asn Tyr Ser Thr Gly Tyr Asp Val Lys Pro Pro Cys Leu Tyr Gln  
65 70 75 80

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Met	Pro	Leu	Ser	Gly	Gln	Gln	Ser	Ser	Ile	Lys	Val	Glu	Asp	Ile	Gln	
				85					90					95		
Met	His	Asn	Tyr	Gln	Gln	His	Ser	His	Leu	Pro	Pro	Gln	Ser	Glu	Glu	
			100					105					110			
Met	Met	Pro	His	Ser	Gly	Ser	Val	Tyr	Tyr	Lys	Pro	Ser	Ser	Pro	Pro	
		115					120					125				
Thr	Pro	Thr	Thr	Pro	Gly	Phe	Gln	Val	Gln	His	Ser	Pro	Met	Trp	Asp	
	130					135					140					
Asp	Pro	Gly	Ser	Leu	His	Asn	Phe	His	Gln	Asn	Tyr	Val	Ala	Thr	Thr	
145					150					155					160	
His	Met	Ile	Glu	Gln	Arg	Lys	Thr	Pro	Val	Ser	Arg	Leu	Ser	Leu	Phe	
				165					170					175		
Ser	Phe	Lys	Gln	Ser	Pro	Pro	Gly	Thr	Pro	Val	Ser	Ser	Cys	Gln	Met	
			180					185					190			
Arg	Phe	Asp	Gly	Pro	Leu	His	Val	Pro	Met	Asn	Pro	Glu	Pro	Ala	Gly	
		195					200					205				
Ser	His	His	Val	Val	Asp	Gly	Gln	Thr	Phe	Ala	Val	Pro	Asn	Pro	Ile	
	210					215					220					
Arg	Lys	Pro	Ala	Ser	Met	Gly	Phe	Pro	Gly	Leu	Gln	Ile	Gly	His	Ala	
225					230					235					240	
Ser	Gln	Leu	Leu	Asp	Thr	Gln	Val	Pro	Ser	Pro	Pro	Ser	Arg	Gly	Ser	
				245					250					255		
Pro	Ser	Asn	Glu	Gly	Leu	Cys	Ala	Val	Cys	Gly	Asp	Asn	Ala	Ala	Cys	
			260					265					270			
Gln	His	Tyr	Gly	Val	Arg	Thr	Cys	Glu	Gly	Cys	Lys	Gly	Phe	Phe	Lys	
		275					280					285				
Arg	Thr	Val	Gln	Lys	Asn	Ala	Lys	Tyr	Val	Cys	Leu	Ala	Asn	Lys	Asn	
	290					295					300					
Cys	Pro	Val	Asp	Lys	Arg	Arg	Arg	Asn	Arg	Cys	Gln	Tyr	Cys	Arg	Phe	
305					310					315					320	
Gln	Lys	Cys	Leu	Ala	Val	Gly	Met	Val	Lys	Glu	Val	Val	Arg	Thr	Asp	
				325					330					335		
Ser	Leu	Lys	Gly	Arg	Arg	Gly	Arg	Leu	Pro	Ser	Lys	Pro	Lys	Ser	Pro	
			340					345					350			
Gln	Glu	Pro	Ser	Pro	Pro	Ser	Pro	Pro	Val	Ser	Leu	Ile	Ser	Ala	Leu	
		355					360					365				
Val	Arg	Ala	His	Val	Asp	Ser	Asn	Pro	Ala	Met	Thr	Ser	Leu	Asp	Tyr	
	370					375					380					

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Ser Arg Phe Gln Ala Asn Pro Asp Tyr Gln Met Ser Gly Asp Asp Thr  
 385 390 395 400  
 Gln His Ile Gln Gln Phe Tyr Asp Leu Leu Thr Gly Ser Met Glu Ile  
 405 410 415  
 Ile Arg Gly Trp Ala Glu Lys Ile Pro Gly Phe Ala Asp Leu Pro Lys  
 420 425 430  
 Ala Asp Gln Asp Leu Leu Phe Glu Ser Ala Phe Leu Glu Leu Phe Val  
 435 440 445  
 Leu Arg Leu Ala Tyr Arg Ser Asn Pro Val Glu Gly Lys Leu Ile Phe  
 450 455 460  
 Cys Asn Gly Val Val Leu His Arg Leu Gln Cys Val Arg Gly Phe Gly  
 465 470 475 480  
 Glu Trp Ile Asp Ser Ile Val Glu Phe Ser Ser Asn Leu Gln Asn Met  
 485 490 495  
 Asn Ile Asp Ile Ser Ala Phe Ser Cys Ile Ala Ala Leu Ala Met Val  
 500 505 510  
 Thr Glu Arg His Gly Leu Lys Glu Pro Lys Arg Val Glu Glu Leu Gln  
 515 520 525  
 Asn Lys Ile Val Asn Cys Leu Lys Asp His Val Thr Phe Asn Asn Gly  
 530 535 540  
 Gly Leu Asn Arg Pro Asn Tyr Leu Ser Lys Leu Leu Gly Lys Leu Pro  
 545 550 555 560  
 Glu Leu Arg Thr Leu Cys Thr Gln Gly Leu Gln Arg Ile Phe Tyr Leu  
 565 570 575  
 Lys Leu Glu Asp Leu Val Pro Pro Pro Ala Ile Ile Asp Lys Leu Phe  
 580 585 590  
 Leu Asp Thr Leu Pro Phe  
 595

&lt;210&gt; 5

&lt;211&gt; 22

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

 <223> Description of Artificial Sequence:Artificially  
 Synthesized Primer Sequence

&lt;400&gt; 5

ccactttggg aaggaagatg ct

22

&lt;210&gt; 6

<211> 22  
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<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:Artificially  
Synthesized Primer Sequence

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22

<210> 7  
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<220>  
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Synthesized Probe Sequence

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<222> (1)  
<223> Label FAM

<220>  
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30

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<213> Artificial Sequence

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Synthesized Primer Sequence

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20

<210> 9  
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<220>  
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Synthesized Primer Sequence

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<210> 10  
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<212> DNA  
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Synthesized Probe Sequence

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<210> 11  
<211> 63  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:Artificially  
Synthesized Primer Sequence

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ttt 63

<210> 12  
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<212> DNA  
<213> Artificial Sequence

<220>  
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Synthesized Primer Sequence

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tcaccacac tgtgcccatc tacga 25

<210> 13  
<211> 25  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:Artificially  
Synthesized Primer Sequence

<400> 13  
cagcgaacc gctcattgcc aatgg 25

<210> 14  
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<212> DNA  
<213> Artificial Sequence

<220>  
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<222> (1)  
<223> Label FAM

<220>  
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<222> (7)  
<223> Label TAMRA

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atgccctccc ccatgccatc ctgcgt